Please add claims 37-40 as follows:

--37. The process of claim 31 wherein the DNA probe is:

10	20	30	40	50	60
CCCATGGATT	TGAAGATACA	CATAAAGAAA	TACTGATGTG	GAAGTTTGAT	AGATCTCTAG
70	80	90	100	110	120
GCAACACCCA	TGTTGCTATG	ATAACTCACC	CAGAGCTCTT	CCAGAAGGAC	TAAAAACTGC
130	140	150	160	170	180
TGACCTGAAG	ATTGCTGACA	CTGTGGAACT	TTCCAGCAAA	GACTGCTGAC	ACTGCGGGGA
190	200	210	220	230	240
CTTTCCAGTG	GGAGGGACAG	GGGGCGGTTC	GGGGAGTGGC	TAACCCTCAG	AAGCTGCATA
250	260	270	280	290	300
TAAGCAGCCG	CTTTCTGCTT	GTACCGGGTC	TCGGTTAGAG	GACCAGGTCT	GAGCCCGGGA
310	320	330	340	350	360
GCTCCCTGGC	CTCTAGCTGA	ACCCGCTCGT	TAACGCTCAA	TAAAGCTTGC	CTTGAGTGAG

A

or the complement thereof.

B12

38. The process of claim 31 wherein the DNA probe is:

10	20	30	40	50	60
AACATGGGAA	ACGCATTGAG	AAAAGGTAAA	TTTGAGGGAT	GGGCAGCAGT	AAGAGAAAGA
70	80	90	100	110	120
ATGAGAAGAA	CTAGAACTTT	CCCTGAGTCT	GAACCATGCG	CACCTGGAGT	AGGACAGATC
130	140	150	160	170	180
TCCAGGGAAT	TAGCAGCTAG	AGGAGGGATA	CCAAGTTCCC	ATACTCCTCA	AAACAATGCA
190	200	210	220	230	240
GCCCTTGCAT	TCCTAGAAAG	TCACCAAGAG	GAAGAAGTAG	GTTTTCCAGT	AGCACCTCAA
250	260	270	280	290	300
GTGCCTCTAA	GGCCAATGAC	CTATAAAGGA	GCATTTGACC	TCAGCTTCTT	TTTAAAAGAA
310	320	330	340	350	360
AAGGGAGGAC	TGGAAGGGTT	AATTTACTCC	CATAAAAGAG	CAGAAATCCT	GGATCTTTGG

GTGTATAA
or the complement thereof.

39. The process of claim 31 wherein the DNA probe corresponds to the nucleotide sequence coding for proteins p12, p16 or p25 of the HIV-3 retrovirus or the complement thereof.